

Appl. No. 10/753,621
Amdt. dated 01/03/2006
Reply to Office action of 10/05/2005

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. - 7. (canceled)

8. (currently amended): An electromagnetic tomography system for determining properties of a geological formation penetrated by ~~a at least one~~ borehole lined with a conductive tubular, comprising:

a first transmitter disposed in the borehole and adapted to induce a magnetic field in the geological formation.

a receiver disposed in the ~~at least one borehole and adapted to detect the magnetic field induced in the geological formation by the first transmitter~~ at a distance of at least 10 meters from the first transmitter so that the receiver is sensitive to the magnetic field induced in the geological formation by the first transmitter; and

a second transmitter disposed in the same borehole as the receiver at a distance from the receiver selected so that the receiver is ~~[[mainly]]~~ sensitive to a magnetic field induced in the conductive tubular by the second transmitter.

9. (original): The electromagnetic tomography system of claim 8, wherein the distance between the receiver and the second transmitter is no more than 0.5 meter.

10. - 27. (canceled)